

## **ABSTRACT OF THE DISCLOSURE**

An acceleration engine may include a set of accelerators and a set of resources  
5 coupled to the accelerators. The resources may interface the accelerators to an  
interconnect, and may provide a programming interface to the accelerators. Since the  
resources handle interfacing the accelerators to a given interconnect, the accelerators may  
be insulated from the details of a given system. If more than one accelerator is included  
in the acceleration engine, some of the resources may be shared by the accelerators. For  
10 example, if the resources include a memory for storing data accessed by an accelerator,  
the memory may be shared between by the accelerators. A methodology for creating an  
acceleration engine is also described.